

Title (en)
Immortalization of primary cells.

Title (de)
Immortalisation von primären Zellen.

Title (fr)
Immortalisation de cellules primaires.

Publication
EP 0235113 A2 19870902 (EN)

Application
EP 87870027 A 19870226

Priority
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• US 83508986 A 19860228

Abstract (en)
The use of electroporation as a transfection method to immortalize primary cells with oncogenic DNA/oncogene(s).

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C12N 5/00; C12N 15/00; C12P 21/00

IPC 8 full level
C07K 14/47 (2006.01); **C07K 14/82** (2006.01); **C12N 15/87** (2006.01); **C12N 15/88** (2006.01)

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C07K 14/4746 (2013.01); **C07K 14/82** (2013.01); **C12N 15/87** (2013.01); **C12N 15/88** (2013.01)

Cited by
US5256553A; US5686576A; US5648248A; US6146888A; WO9424274A1; WO9621004A1; WO9964615A1; WO9001543A1; WO9300433A1; US6878542B1; US7256041B2; US7459600B2; US7931640B2

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AT BE CH DE ES FR GB GR IT LI LU NL SE

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EP 87870027 A 19870226; AU 6926487 A 19870226; CN 87102457 A 19870228; DK 105387 A 19870227; FI 870867 A 19870227; HU 81087 A 19870227; IL 8168587 A 19870226; NO 870829 A 19870227; NZ 21939287 A 19870224; PT 8437687 A 19870226